

1913

RUTLAND COUNTY COUNCIL

HEALTH COMMITTEE

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR
1953

A.D. WHITEAW, M.A., M.D., D.P.H.

ANNUAL REPORT FOR 1953

GENERAL STATISTICS

Area of the Administrative County (in acres)	97,273
Population (Registrar General's Estimate 1953)	22,580
Rateable Value	£122,260
Product of a penny rate	£477

Vital Statistics

Births

	<u>M</u>	<u>F</u>	<u>Total</u>
Live Births	215	199	414
Legitimate	208	189	397
Illegitimate	7	10	17
Stillbirths	5	5	10

Deaths

Total	125	113	238
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Infant Deaths

Total	7	3	10
Legitimate	6	3	9
Illegitimate	1	-	1

	<u>Rutland</u>	<u>England & Wales</u>
Birth rate per 1000 population	21.6	15.5
Death rate per 1000 population	9.6	11.4
Tuberculosis death rate per 1000 population	0.13	0.2
Infantile mortality rate per 1000 births	24.0	26.8

CAUSES OF DEATH - 1953

	0-	1-	5-	15-	25-	45-	65-	75-	All ages	Total
	M	F	M	F	M	F	M	F	M	F
Tuberculosis, Respiratory					1	1			-	2
Tuberculosis, Non-respiratory		1							-	1
Infective & Parasitic Diseases		1							-	1
Cancer of Stomach							2	1	5	3
Cancer of Lung & Bronchus								3		
Cancer of Breast								1	1	-
Cancer of all other sites								2	-	2
Diabetes						2	3	3	12	8
Vascular lesions of the nervous system						2	1	1	2	2
Coronary disease, angina					1	2	2	6	12	15
Other Heart disease						7	1	2	13	5
Hypertension with heart disease					1	1	5	3	20	25
Other circulatory disease							1	3	4	1
						2	3	7	10	25
										35

	0-		1-		5-		15-		25-		45-		65-		75-		All ages		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Influenza											1					3	1	3	4
Pneumonia										1			2	1	3	2	5	4	9
Bronchitis											1		2	2	8	2	11	4	15
Other diseases of the respiratory system											1						1	-	1
Ulcer of the stomach & duodenum													1				1	-	1
Gastritis, enteritis & diarrhoea																1	-	1	1
Nephritis & nephrosis					1				1		1						3	1	4
Congenital malformations	1	1															1	1	2
Other defined & ill defined diseases	3	2			2	1		1					3	1	1	2	9	7	16
Motor vehicle accidents							2				1						3	-	3
All other accidents	3		1				3		2		1	1					9	2	11
Suicide											1		1				2	-	2
Total, all causes	7	3	-	3	3	1	5	1	4	3	2	1	2	4	6	6	125	113	238

VACCINATION AND IMMUNISATION (contd.)

Diphtheria Immunisation

Number of children who completed a full course of primary immunisation in the county during 1953.			Total number of children who were given a secondary or re-inforcing injection (i.e. subsequent to complete full course).
Age at date of final injection			During the year 1953
Under 5	5 to 14	Total	
183	73	256	
			371

Approximately half of the primary immunisations were done at the infant welfare centres and schools and the bulk of the re-inforcing injections at the schools; the remainder were done at the doctors' surgeries.

Immunisation in Relation to Child Population

Number of children at 31st December, 1953, who had completed a course of immunisation at any time before that date (i.e. at any time since 1.1.39).

Age at 31.12.53 i.e. Born in year	Under 1 1953	1-4 1952-1949	5-9 1948-1944	10-14 1943-1939	Under 15 Total
Last completed course of injections (whether primary or booster).	7	717	1080	1200	3004
A. 1949-1953					
B. 1948 or earlier	-	-	256	238	494
C. Estimated mid-year child population.	380	1520	3,400		5,300
Immunity Index	2%	47%	67%		56%

Whooping Cough Immunisation

Under 1 year

1 - 4 years

5 - 14 years

6

98

2

Most of the children recorded in the above table were immunised by General Practitioners with the combined diphtheria pertussis prophylactic.

Immunisation with whooping cough vaccine was started at the County Welfare Centres during 1953, but the number who had completed their course at the end of the year was small.

Name		Address		City	
John	Smith	123	456	789	1011
Mary		234		567	
James		345		678	
Elizabeth		456		789	

...

Name		Address		City	
John	Smith	123	456	789	1011
Mary		234		567	
James		345		678	
Elizabeth		456		789	

...

...

PREVALENCE AND CONTROL OVER
INFECTIOUS DISEASES

Disease	Oakham U.D.	Oakham R.D.	Uppingham R.D.	Ketton R.D.	Total
Scarlet Fever	4	11	-	5	20
Whooping Cough	4	24	17	40	85
Poliomyelitis Paralytic	-	1	-	-	1
Poliomyelitis Non-Paralytic	-	1	-	1	2
Measles	4	62	151	55	272
Acute Pneumonia	6	21	5	10	42
Dysentery (Sonne)	7	4	-	-	11
Erysipelas	1	-	1	-	2
Meningococcal Infection	1	-	-	-	1
Erythema Perleth	-	-	-	1	1
Ophthalmia Neonatorum	-	1	-	-	1
Total	27	125	174	112	438

VACCINATION AND IMMUNISATION

Vaccination

Number of persons vaccinated (or re-vaccinated) during the year 1953						
Age at date of vaccination	Under 1	1	2 - 4	5 - 14	15 & over	Total
Number vaccinated	45	47	14	8	10	124
Number re-vaccinated	-	-	3	6	21	30

All vaccinations were done by general practitioners.

TUBERCULOSIS

New cases

Age Groups	Pulmonary		Non-Pulmonary	
	M	F	M	F
Under 1	-	-	-	-
1 -	-	-	-	-
2 -	-	-	1	2
5 -	1	-	1	1
10 -	-	-	-	-
15 -	1	1	1	-
20 -	2	2	-	-
25 -	3	2	-	-
35 -	-	2	-	-
45 -	1	-	-	-
55 -	1	1	-	-
65 -	-	-	-	-
Totals	9	8	3	3

Inward transfer included in above table - 1 female (21) Pulmonary.

There were 3 deaths during the year, as follows:-

1 female (2-) Non-Pulmonary, 1 female (25-) Pulmonary)
1 female (45-) Pulmonary.

One of the Council's Health Visitors calls at the home of every notified case of tuberculosis and arranges for the examination of contacts and reports on the home conditions. Cases found to be inadequately housed are referred by the Health Committee to the Local Sanitary Authority with a recommendation for re-housing where possible. Nursing requisites, bedding and garden shelters are provided when necessary.

The supply of free milk to one chronic case was continued during the year.

B.C.G. Vaccination of 2 contacts was carried out.

Domiciliary treatment of active cases of pulmonary tuberculosis (consisting of injections of Streptomycin and P.A.S.) was given by the district nurses in 9 instances.

Tuberculosis (contd.)

Miniature Mass Radiography

During May the County was visited by the Leicester Area Miniature Mass Radiography Unit of the Sheffield Regional Hospital Board and well attended sessions were held at Oakham and Uppingham.

Oakham & Uppingham (Adults)			Result of Survey	
	<u>M</u>	<u>F</u>	<u>M</u>	<u>F</u>
Number attended	388	488	T.B. Active	- 1
Number of Large Films	60	25	T.B. Inactive	4 4
			Bronchiectasis	- 1
Clinical examinations	13	9	Cardiac	- 3
			Under Observation	16 4

In addition 136 school children were X-rayed and all were found to be free from active disease.

During November the East Anglian Regional Hospital Board's Unit from Cambridge held sessions at Ketton, which were attended by employees from the Ketton Cement Works and the general public, as well as learners from County Secondary Schools and a Home Office School.

Number attended for X-ray	Males	Females	Total
General Public	57	180	237
Ketton Cement Works	191	10	201
Schoolchildren & Staff	43	50	93
Tixover range Approved School	64	6	70
Total Examined	355	246	601

Findings

Among the general public who attended at this visit, one man and one woman were advised to attend the Chest Clinic for further advice and supervision. No activity has so far been reported in either case. One schoolgirl and a boy from the Approved School are also being kept under supervision.

Apart from these four cases the only interesting finding was a large aneurysm in a man without any symptoms whatsoever, engaged in fairly heavy work, whose doctor has been advised of the condition.

Medical Loan Depots (Section 28 N.H.S. Acts)

These are maintained by the British Red Cross Society, who hold stocks of nursing equipment in most villages for loan to patients. The scheme benefitted during the year by the grant of £200 from a local charity for the replenishment of empty "cupboards" and the purchase of additional comforts, such as wheel-chairs, etc.

The District Nurse/Midwives also have small loan "cupboards".

CARE OF MOTHERS & YOUNG CHILDREN

(Section 22 N.H.S. Acts)

Infant Welfare Centres are held as follows:-

Oakham	2nd and 4th Wednesday each month, at 2.30 p.m.
Uppingham	1st and 3rd Wednesdays " " " 2.15 p.m.
Ketton	1st and 3rd Tuesdays " " " 2.45 p.m.
Empingham	1st and 3rd Wednesday " " " 2.30 p.m.
Cottesmore Aerodrome	2nd and 4th Thursday " " " 2.00 p.m.
N. Luffenham Aerodrome	2nd and 4th Tuesday " " " 2.30 p.m.

Number of children who attended during the year :-

Born in:-			Total Number of children who attended during the year
1953	1952	1951-48	
158	120	89	367

Number of attendances during the year made by children who at the date of attendance were:-

Under 1 year	1 but under 2	2 but under 5	Total attendances
1313	361	429	2103

Care of Unmarried Mothers

The County Council contributed to the cost of maintenance of 4 unmarried mothers (whose circumstances had been investigated by the Peterborough Diocesan Moral Welfare Worker) at the following Maternity Homes.

St. Saviour's Diocesan Maternity Home, Northampton (2 cases).

The Quarry Diocesan Maternity Home, Lincoln.

Bedford & County Girl's Home, Bedford.

THE HISTORY OF THE CITY OF BOSTON

By SAMUEL JOHNSON, Esq. of the Middle Temple, Barrister at Law.
 In two Volumes. The first Volume contains the History from the
 first Settlement of the City to the Year 1630. The second Volume
 contains the History from the Year 1630 to the present Time.
 LONDON: Printed by J. DODD, in Pall-mall, 1790.



Printed by J. DODD, in Pall-mall, 1790.
 The Author's Address is, at the Middle Temple, London.

1953

COUNTY NURSING SERVICE

(Sections 23 & 25 N.H.S. Acts)

WORK OF THE VARIOUS DISTRICT NURSE/MIDWIVES

	Oakham	Uppingham	Ketton	Ryhall	Langham	Market Overton	Total
	Miss Lewis * e	Miss Joyce & Miss Lloyd * e	Mrs. Pearson * e	Miss Jackson *	Miss Keay	Miss Anderson * e	
<u>Cases</u>							
Midwifery & Maternity	72	66	25	35	45	44	297
General	89	111	33	58	86	47	423
<u>Visits</u>							
Midwifery & Maternity	1430	1587	487	669	833	789	5795
General	1795	1783	332	1099	1115	596	6740
Other Visits	57	474	39	258	49	186	1063
Ante-natal & Post-natal	482	703	233	228	212	319	2177
<u>Attendances</u>							
at I.W.C.	13	23	-	-	14	20	70
No. of times in & air administered	68	61	24	29	41	38	261

All the district nurse/midwives have the S.C.M. certificate
* S.R.N. e Queen's Nurse.

Pethidine

All the midwives were authorised to use pethidine. The drug was administered to 86 patients, (in 6 cases when the doctor was present and 80 cases when the doctor was not present at the delivery of the child).

Staff Changes

Three resignations were received during the year; one on account of ill health and two on marriage. As it was not possible to make permanent appointments in the Uppingham area, which has hitherto been served by two nurses sharing a house, it was decided to divide the area into two districts; and the Uppingham Rural District Council agreed to reserve two of the flats being built on their London Road housing estate, to house the nurses separately, in place of the Council house jointly occupied on the Quadrant estate.

MIDWIFERY

(Section 23, N.H.S. Acts.)

Domiciliary Midwifery

The Council's midwives attended 64% of the births, either in the patients' homes, The Home Hospital or the Station Sick Quarters of the Royal Canadian Air Force, N. Luffenham. (40% of the births were home confinements).

Place of Birth Table

Domiciliary.	170
Home Hospital, Oakham. *	104
Rutland Memorial Hospital, Oakham.	3
Stamford & Rutland Hospital, Stamford.	97
Melton Mowbray Infirmary.	17
The Gables, Peterborough.	1
Station Sick Quarters, R.C.A.F., N.Luffenham.	23
Leicester General Hospital.	1
Leicester Royal Infirmary	3
Others	5
Total	424

* The Home Hospital is a private nursing home with whom the Sheffield Regional Hospital Board has contractual beds.

REGISTRATION OF NURSING HOMES

(Sections 187 to 194, Public Health Act, 1936)

	Number of Homes	Number of beds provided for		
		Maternity	Others	Totals
Homes first registered during year	1	-	20	20
Homes on register at end of year	2	10	20	30

A private nursing home was registered during the year under the name of, The Rutland Private Nursing Home, Langham. It admits medical cases only --- mostly the elderly and infirm.

The only other private nursing home in the County is The Home Hospital, Oakham, for maternity cases.

	AMBULANCES				AMB./CAR	SITTING-CASE CARS										
	Oakham		Stamford			Rutland	Stamford	Stamford								
	Austin		Commer													
	M	P	M	P												
1953																
January	424	23	2709	125	2320	68	1807	167	597	38	1629	124	9766	559		
February	358	18	1915	96	2088	60	1765	153	479	40	267	75	7618	455		
March	1519	81	2328	181	2485	120	2121	209	341	26	472	49	9448	679		
April	1901	130	1837	136	1009	52	3366	202	391	28	440	36	9113	596		
May	1736	113	1258	141	2477	133	1683	114	1181	80	663	71	9119	663		
June	276	13	2013	155	2974	179	1576	1144	864	60	712	55	8576	620		
July	826	51	1795	127	2962	119	1823	110	430	29	1276	81	9456	540		
August	553	30	1870	169	2030	70	1724	111	274	15	806	38	7490	455		
September	728	57	1253	129	2625	138	1957	157	442	31	587	48	7739	571		
October	1291	76	1948	197	2040	121	2829	225	348	25	850	72	9616	737		
November	396	51	1581	198	2323	156	3142	253	461	29	506	51	8605	753		
December	-	-	2138	228	2453	170	2871	190	305	31	539	54	8645	693		
Total	10,08	633	22645	1882	27786	1386	26664	2035	6113	432	9347	754	105195	7321		

M - Mileage P - Patients.

Accident and other emergency journeys included in the above table :-
 Oakham Ambulances 86
 Stamford Ambulance (St. John's) 99

DOMESTIC HELP SERVICE
(Section 29 M.H.S. Acts)

Domestic Help

The Home Help Service is under the direction of the County Organiser of the Women's Voluntary Services, who is assisted by a clerk who combines this work with W.V.S. clerical duties.

There are five part-time home helps (plus one casual for out-lying villages) :-

Four on guaranteed week of 15 hours.
One on guaranteed week of $7\frac{1}{2}$ hours with the Stipulation that during any week in which she works more than $7\frac{1}{2}$ hours her wage is on the basis of a guaranteed 15 hours.

Cases Table

Maternity	6
Tubercular	2
Geriatric *	17
Others	4
<hr/>	
Total	29

* There was an increase on last year's figures in the number of cases attended, these being almost entirely due to applications on behalf of old and infirm persons, (Geriatric).

MENTAL HEALTH

Lunacy Act, 1890

Mr. S. Watson as Duly Authorieed Officer dealth with 11 cases, all of whom were certified under Section 16, as follows:

Carlton Hayes Hospital			
Certified			
Admissions		Discharges	
M	F	M	F
6	5	2	7

Mental Treatment

The number of cases admitted to hospitals was~ as follows:--

Carlton Hayes Hospital			
Voluntary			
Admissions		Discharges	
M	F	M	F
3	2	5	3

Rauceby Mental Hospital			
Voluntary			
Admissions		Discharges	
M	F	M	F
1	4	3	7

MENTAL DEFICIENCY ACTS, 1913 - 1948

	During 1953		Total cases on register, 1.1.54	
	Under age 16	Aged 16 & over	Under age 16	Aged 16 & over
	M F	M F	M F	M F
<u>Particulars of cases reported during 1953</u>				
(i) Cases at 31st December ascertained to be defectives "subject to be dealt with". Action taken on reports by:-- (i) Local Education Authorities on children (1) While at school or liable to attend school (2) On leaving special schools (3) On leaving ordinary schools (ii) Police or by Courts (iii) Other sources	1 1	1		
Total number of cases reported	1 1	1		

Mental Deficiency Acts, 1913 - 1948 (contd.)

	During 1953		Total cases on register, 1.1.54					
	Under age 16		Age 16 & over		Under age 16		Age 16 & over	
	M	F	M	F	M	F	M	F
<u>Disposal of Cases</u>								
Of the cases ascertained to be defectives "subject to be dealt with" number								
(i) Placed under Statutory Supervision.....								
(ii) Placed under Guardianship								
(iii) Taken to "Places of Safety"								
(iv) Admitted to Institutions								
Total								
<u>Classification of Defectives in the Community</u>								
a) Cases included in item 2(a) (i) to (iii) above in need of institutional care :-								
(1) In urgent need of institutional care								
(i) "cot & chair" cases								
(ii) ambulant low grade cases								
(iii) medium grade cases								
(iv) high grade cases								
(2) Not in urgent need of institutional care :-								
(i) "cot & chair" cases								
(ii) ambulant low grade cases								
(iii) medium grade cases								
(iv) high grade cases								
Total								
Of the cases included in items (a) (i) to (iii), number considered suitable for:-								
(i) occupation centre								
(ii) industrial centre								
(iii) home training								
Total								

Number of mental defectives who were in institutions, under Community Care (including Voluntary Supervision) or in "Places of Safety" on 1st January, 1953, who have ceased to be under any of these forms of care during 1953.

	M	F	Total
(a) Ceased to be under care	-	2	2
(b) Died, removed from area, or lost sight of ..	1	-	1
Total	1	2	3

the total number of mental defectives under Supervision or Guardianship or no longer under care.

Number who have given birth to children while unmarried during 1953 Nil.

Number who have married during 1953 1 (male)

Date	Place	Remarks
Jan 1	New York	Arrived at 10:00 AM. Weather clear.
Jan 2	New York	Left at 8:00 AM for Philadelphia.
Jan 3	Philadelphia	Arrived at 12:00 PM. Conference at 2:00 PM.
Jan 4	Philadelphia	Left at 6:00 PM for Washington.
Jan 5	Washington	Arrived at 11:00 AM. Meeting at 1:00 PM.
Jan 6	Washington	Left at 4:00 PM for Baltimore.
Jan 7	Baltimore	Arrived at 9:00 AM. Conference at 10:00 AM.
Jan 8	Baltimore	Left at 3:00 PM for New York.
Jan 9	New York	Arrived at 10:00 AM. Meeting at 11:00 AM.
Jan 10	New York	Left at 7:00 PM for New Jersey.
Jan 11	New Jersey	Arrived at 1:00 PM. Conference at 2:00 PM.

Continued from page 100

The following table shows the results of the experiments conducted during the trip. The data indicates a significant improvement in the efficiency of the new method compared to the old one. The results were obtained from a series of tests conducted under various conditions, and the average values are shown in the table.

Condition	Old Method	New Method
1. Standard Conditions	10.5	12.0
2. High Temperature	8.0	9.5
3. Low Temperature	12.0	13.5
4. High Humidity	9.0	10.5
5. Low Humidity	11.0	12.5

The results show that the new method is more efficient than the old one in all conditions tested. The improvement is most pronounced in the standard conditions, where the new method is 14.3% more efficient. In the high temperature condition, the improvement is 18.8%, and in the low temperature condition, it is 12.5%. In the high humidity condition, the improvement is 16.7%, and in the low humidity condition, it is 12.5%.

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FOOD & DRUGS ACT 1938

Sampling was carried out by Mr. H. Tabberer, Sanitary Inspector to the Oakham Urban District Council (by arrangement with his Authority). The total number of samples taken during the year was 34

Article	Number Examined	Number Unsatisfactory
Milk	18	3
Chicken & Ham	1	-
Salmon & Shrimp	1	-
Suet, Shredded Beef	1	-
Beer	4	-
Vinegar	3	-
Bronchial Mixture	1	-
Meat Paste	1	-
Balsam of Aniseed	1	-
Cough Balsam	1	-
Glycerine, Lemon & Ipecac	1	-
Liquorice, Aniseed & Squills	1	-
Total	34	3

The 3 unsatisfactory samples were all from one retailer and were deficient in fat; and an "appeal to cow" sample was obtained, which on analysis was found to contain only 2.95 per cent of fat. The case was referred to the County Milk Production Officer for advice regarding better feeding methods.

RURAL WATER SUPPLIES AND SEWERAGE ACT, 1944

The following schemes were approved during the year.

Water Supplies

Oakham R.D.C. Parishes of Lyndon and Manton. The Regional Water Supply Scheme to serve the parishes of Ashwell, Burley, Cottesmore, Greetham, Langham and Stretton was approved as an interim scheme only.

Uppingham R.D.C. Parishes of North and South Luffenham.

Ketton R.D.C. Parish of Clipsham. Parish of Tixover.

Sewerage

Ketton R.D.C. Ryhall: Sewerage and Sewage Disposal.

THE [illegible] OF [illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

NATIONAL ASSISTANCE ACTS

Incidence of Blindness

The Royal Leicester, Leicestershire and Rutland Institution for the Blind have kindly supplied the following information.

The Ophthalmic Surgeon saw 15 B.D.8 cases of whom he certified 13 as Blind and 2 as Partially Sighted.

There were	12 cases of Cataract
	0 cases of Glaucoma
	0 cases of Retrolental fibroplasia
	<u>3</u> cases of other conditions
Total	<u>15</u>

In 7 cases no treatment was advised

1 case medical treatment was advised

6 cases surgical treatment was advised

1 case optical treatment was advised

15

At the end of the year of the 8 cases recommended for treatment:-

In 3 cases treatment was continuing

2 cases had been de-certified

2 cases had died

1 case had been admitted to Oakham Infirmary.

There appeared to be no appreciable delay in patients requiring treatment being admitted to hospital.

THE UNIVERSITY OF CHICAGO

LIBRARY

THE UNIVERSITY OF CHICAGO
LIBRARY
1200 EAST 58TH STREET
CHICAGO, ILL. 60637

Acquired from the

Library of the

Department of Chemistry

on the date of

1968

Gift of the

Department of Chemistry

Library of the

Department of Chemistry

1968

THE UNIVERSITY OF CHICAGO

LIBRARY

1200 EAST 58TH STREET

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